

## AMENDMENTS TO THE CLAIMS

This Listing of the Claims will replace all prior versions, and listings of the claims in the application.

### Listing of the Claims:

1.-160. (Canceled)

161.- 168. (Canceled)

169. – 175. (Canceled)

176. (currently amended) A hapten carrier conjugate comprising nicotine and a carrier, wherein said

nicotine and said carrier are linked by a branch comprising:

CJ 1  $(CH_2)_nQ$ ,  
CJ 3  $\text{CO}(CH_2)_nQ\text{CO}$   $\text{CO}(CH_2)_n\text{COQ}$ , or  
CJ 11  $Y\text{CO}(CH_2)_n\text{COQ}$

wherein n is an integer, Y is NH, O, or S, and Q is the carrier, and wherein the carrier is pseudomonas exotoxin.

177. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ 1

$(CH_2)_nQ$ .

178. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ 3

$\text{CO}(CH_2)_nQ$   $\text{CO}(CH_2)_n\text{COQ}$  and n is 2.

179. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ11  $Y\text{CO}(CH_2)_n\text{COQ}$  ~~and Y is NH.~~